

CD99L2 Polyclonal antibody

Catalog Number: 13732-1-AP

Basic Information

Catalog Number:

13732-1-AP

Size:

700 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3809

GenBank Accession Number:

BC025729

GeneID (NCBI):

83692

UNIPROT ID:

Q8TCZ2

Full Name:

CD99 molecule-like 2

Calculated MW:

262 aa, 28 kDa

Observed MW:

40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HUVEC cells,

Background Information

CD99L2 (CD99 molecule like 2), also known as CD99B and MIC2L1, is a type 1 transmembrane protein that is similar to CD99 (PMID: 12706889). It is expressed on most leukocytes and several other cell types including neuronal cells (PMID: 12706889). CD99L2 may function as a homophilic adhesion molecule as well as play a role in a late step of leukocyte extravasation helping cells to overcome the endothelial basement membrane (PMID: 37199607). Its related pathways respond to elevated platelet cytosolic Ca²⁺ and cell surface interactions at the vascular wall.

Storage

Storage:

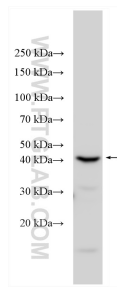
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



HUVEC cells were subjected to SDS PAGE followed by western blot with 13732-1-AP (CD99L2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.